

## AMENDMENTS TO THE CLAIMS:

1           81. (previously presented) A resource management system, comprising:  
2                   a deficiency database including information regarding deficiencies of  
3 resources;  
4                   a resource database including information about resources used in an  
5 enterprise; and  
6                   a processor coupled to the deficiency database and resource database and  
7 arranged to use deficiency information from the deficiency database and resource  
8 information from the resource database to provide information regarding a characteristic  
9 of a resource based on one or more deficiencies related to at least one resource used in the  
10 enterprise, the provided information usable for resource management.

1           82. (original) A resource management system as in claim 81, wherein said  
2 deficiency database includes information on deficiencies of a resource relating to at least  
3 one of resource attributes, characteristics, performance, life, cost, efficiency, failure  
4 modes, compatibility, life cycle cost, quality of construction and mean time between  
5 failure, for at least one of the resource itself and differences between the resource and a  
6 given resource, a best-in-class resource and an enterprise objective.

1           83. (previously presented) A resource management system as in claim 81,  
2 wherein said deficiency database includes information regarding deficiencies relating to

3 interactions among resources and the processor is arranged to provide information  
4 regarding a characteristic of a resource based also on said information regarding  
5 deficiencies relating to interactions among resources.

1 84. (original) A resource management system as in claim 81, wherein said  
2 deficiency database includes information regarding deficiencies of at least one of  
3 operating resources, manufacturing resources and human resources.

1 85. (original) A resource management system as in claim 81, further comprising:  
2 an access unit coupled to said processor and arranged to enable a user to  
3 access information on a deficiency related to a selected resource used in the enterprise.

1 86. (original) A resource management system as in claim 81 or 85, further  
2 comprising:  
3 a storage unit coupled to said processor and arranged to store the  
4 deficiency database and the resource database.

1 87. (original) A resource management system as in claim 81 or 85, further  
2 comprising:  
3 an entry unit arranged to enable additional information to be added to at  
4 least one of the deficiency database and resource database.

1           88. (original) A resource management system as in claim 81 or 84, wherein said  
2           deficiency database includes information on cost impacts of deficiencies.

89. - 131 (canceled)

1           132. (currently amended) A process, comprising the steps of:  
2                   providing a deficiency database including information regarding  
3           deficiencies of resources;  
4                   providing a resource database including information about resources used  
5           in an enterprise; and  
6                   deriving, with use by a processor of deficiency information from the  
7           deficiency database and resource information from the resource database, information  
8           regarding a characteristic of a resource based on one or more deficiencies related to at  
9           least one resource used in the enterprise, the derived information usable for resource  
10          management.

1           133. (original) A process as in claim 132, wherein the first step comprises:  
2                   providing a deficiency database including information on deficiencies of a  
3           resource relating to at least one of resource attributes, characteristics, performance, life,  
4           cost, efficiency, failure modes, compatibility, life cycle cost, quality of construction and

5 mean time between failure, for at least one of the resource itself and differences between  
6 the resource and a given resource, a best-in-class resource and an enterprise objective.

1 134. (currently amended) A process as in claim 132, wherein:  
2 the first step comprises providing a deficiency database including  
3 information regarding deficiencies relating to interactions among resources; and  
4 the third step comprises deriving , with use of a processor, information  
5 regarding a characteristic of a resource based also on said information regarding  
6 deficiencies relating to interactions among resources.

1 135. (original) A process as in claim 132, wherein the first step comprises:  
2 providing a deficiency database including information regarding  
3 deficiencies of at least one of operating resources, manufacturing resources and human  
4 resources.

1 136. (original) A process as in claim 132, wherein the first step comprises:  
2 providing a deficiency database including information on cost impacts of  
3 deficiencies.

1 137. (currently amended) A process as in claim 132 or 133, wherein the third  
2 step comprises:

3                    deriving, with use of a processor and in response to a value for the  
4                    estimated life of a resource and to information regarding a deficiency of the resource, a  
5                    determination regarding effects of use of the resource relative to an operating objective of  
6                    the enterprise.

1                    138. (currently amended) A process as in any one of claims 132, 133 and 134,  
2                    wherein the third step comprises:

3                                       deriving, with access by a processor to the deficiency database and  
4                    responsive to a deficiency related to a resource, an estimate of the life of the resource.

1                    139. (currently amended) A process as in any one of claims 132, 133 and 134,  
2                    wherein the third step comprises:

3                                       deriving, with access by a processor to the deficiency database and  
4                    responsive to a deficiency related to a resource, information on a failure mode associated  
5                    with the resource.

1                    140. (currently amended) A process as in any one of claims 132, 133 and 134,  
2                    wherein the third step comprises:

3                                       deriving, with access by a processor to the deficiency database and  
4                    responsive to an indication of a failure mode of a resource, information on at least one  
5                    deficiency related to the indicated failure mode of the resource.

1           141. (currently amended) A process as in any one of claims 132, 133, 134 and  
2           136, wherein the third step comprises:  
3                     deriving, with access by a processor to the deficiency database and  
4           responsive to a deficiency related to a resource, a life cycle cost estimate regarding the  
5           resource and said deficiency.

1           142. (currently amended) A process as in any one of claims 132, 133 and 134,  
2           wherein the third step comprises:  
3                     deriving, with access by a processor to the deficiency database and  
4           resource database and responsive to identification of an enterprise objective, an indication  
5           of a preferred combination of resources to meet the enterprise objective.

1           143. (currently amended) A process as in any one of claims 132, 133 and 134,  
2           wherein the third step comprises:  
3                     deriving, with access by a processor to the deficiency database and  
4           resource database and responsive to identification of a combination of resources, an  
5           indication of deficiencies relating to the combination of resources.

1           144. (currently amended) A process as in any one of claims 132, 133 and 134,  
2           wherein the third step comprises:

3                    deriving, with access by a processor to the deficiency database and  
4                    resource database and responsive to characteristic of a first resource, information on a  
5                    modification which, when made, enables the first resource to be compatible with a second  
6                    resource.

1                    145. (currently amended) A process as in any one of claims 132, 133 and 134,  
2                    wherein the third step comprises:

3                    deriving, with access by a processor to the deficiency database and  
4                    responsive to information on a failure of a resource, information on possible causes of  
5                    failure of the resource.

146. - 154. (canceled)